Index of Claims

| Appl | licatio | n/Con | trol | No. |
|------|---------|-------|------|-----|
|------|---------|-------|------|-----|

10/614,173

Examiner

Corey D. Mack

Applicant(s)/Patent under Reexamination

DICKES, GUY

Art Unit

2855

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| i | Interference |

| A | Appeal   |
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| 0 | Objected |

|          |  |                                       | _            | _        |  |  | J            |              | Щ        | <u> </u>        |
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| Ci       | im   | Date                                  |              |          |  |  |              |              |          |                 |
| Cle      | 1  | <del> </del>                          | _            | · · · ·  | _  | Jau  | <del>-</del> |              |          | -               |
| l _      | Original   | ιū                                    |              |          |  |  |              |              |          |                 |
| Final    | i.e  | 2/15/05                               |              |          |  |  |              |              |          |                 |
| Œ        | Ë  | 12                                    |              |          |  |  |              |              |          |                 |
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|          | 1  |                                       |              |          |  |  |              |              | Г        |                 |
|          | 12   |                                       | Г            |          |  |  |              |              |          | П               |
|          | 3  |                                       |              | _        |  |  | _            |              | _        |                 |
|          | 4  |                                       | _            | -        | _  |  | ┪            |              | $\vdash$ | М               |
|          | 3<br>4<br>5  | $\vdash$                              | $\vdash$     |          | _  | -  |              | -            | $\vdash$ | $\vdash$        |
|          |  | $\vdash$                              | -            | -        | ┢  | -  | ┢            | <u> </u>     | $\vdash$ | ╁┯┧             |
| -        | <del>   </del> -                                   | -                                     |              | -        | ┢  | -  | $\vdash$     | $\vdash$     | ⊢        | $\vdash \vdash$ |
|          | 10<br>7<br>8                                       | -                                     | <del> </del> | ├        |  | ├  |              | -            | ├        |                 |
|          | <del></del>  | -                                     |              |          | ļ  | _  |              | H            | -        | Н               |
| <b> </b> | - 49   | ļ.,                                   | _            | _        |  | _  |              | $\vdash$     | _        | Ш               |
| <u> </u> | 10   | Į,                                    | _            | _        | _  | _  | <u> </u>     | <u> </u>     | <u> </u> | Щ               |
|          | 11   | 1                                     |              |          |  | _  | _            | $\perp$      | _        | Щ               |
|          | 12   | 1                                     |              | _        | _  | _  | _            | $oxed{oxed}$ |          | Ш               |
|          | 13   | 1                                     | $oxed{oxed}$ |          |  |  |              |              |          | Ш               |
|          | 14   | 1                                     |              |          |  |  | _            | oxdot        |          | oxdot           |
|          | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | L            |          | L  | L  | Ĺ            | L            | L        |                 |
|          | 16   | 1                                     |              |          |  |  |              |              |          |                 |
|          | 17   |                                       |              |          |  |  |              |              |          |                 |
|          | 18   |                                       |              |          |  |  |              |              |          | П               |
|          | 19   |                                       |              |          |  |  |              |              |          | П               |
|          | 20   |                                       |              |          |  |  |              |              |          | П               |
|          | 21   |                                       |              |          |  |  |              |              |          | П               |
|          | 21<br>22<br>23                                     |                                       |              |          |  |  |              |              |          | Н               |
|          | 23   |                                       |              |          |  |  |              |              |          | Н               |
|          | 24   | _                                     |              | $\vdash$ | $\vdash$   |  | $\vdash$     | _            | $\vdash$ | Н               |
|          | 24<br>25<br>26<br>27                               |                                       |              | $\vdash$ | -  | <del>                                     </del>   | -            |              |          | H               |
|          | 26   | Н                                     |              | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     |          | Н               |
| -        | 27   | $\vdash$                              |              | $\vdash$ |  | _  |              |              |          | $\vdash$        |
| <u> </u> | 20   | $\vdash$                              |              | -        | $\vdash$   | _  | ┢            | $\vdash$     |          | $\vdash$        |
| -        | 28<br>29<br>30                                     | $\vdash$                              |              |          |  | $\vdash$   | _            | $\vdash$     |          | Н               |
| -        | 29   | ┝                                     |              |          | -  | _  | <u> </u>     | $\vdash$     |          | Н               |
|          | 30   | _                                     |              |          | <u> </u>   | _  | <u> </u>     | <u> </u>     |          | Н               |
| <u> </u> | 31   |                                       |              | _        | _  | <u> </u>   |              | <u> </u>     | <u> </u> | $\vdash$        |
| <u> </u> | 32<br>33   | $\vdash$                              | _            | <u> </u> | <u> </u>   | $\vdash$   | <u> </u>     | $\vdash$     | <u> </u> | Ш               |
| <u> </u> | 33   | $\vdash$                              | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>     | $\vdash$     | _        | Щ               |
| <u> </u> | 34   | $\vdash$                              | _            | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>     | $\vdash$     | _        | Щ               |
| ļ        | 35   | $\vdash$                              |              |          | <u> </u>   | <u> </u>   | <u> </u>     |              |          | Щ               |
| ļ        | 36   | Щ                                     |              |          |  |  |              | <u> </u>     |          | Ш               |
|          | 37<br>38   | <u> </u>                              |              | <u> </u> |  |  |              | $oxed{oxed}$ |          | Ш               |
| <u></u>  | _38  | <u> </u>                              |              | L_       | L_   | <u>_</u>   | <u> </u>     | <u></u>      | L.,      |                 |
|          | 39   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   |              |          |  | $ldsymbol{ld}}}}}}$ | <u> </u>     |              |          | Ш               |
|          | 40   |                                       |              | L        |  |  |              |              |          |                 |
|          | 41   |                                       |              |          |  |  | _            | $oxed{\Box}$ |          |                 |
|          | 42   |                                       |              |          | L  | L  | L            |              |          |                 |
|          | 43   |                                       |              |          |  |  | L            |              |          |                 |
|          | 44   |                                       |              |          |  |  |              |              |          |                 |
|          | 45   | Γ                                     |              |          |  |  |              |              |          | П               |
|          | 46   |                                       |              |          |  |  |              |              |          |                 |
|          | 47   |                                       |              |          |  |  |              |              |          | П               |
|          | 48   |                                       | Т            |          | $\vdash$   |  | _            | П            |          | Н               |
|          | 49   |                                       |              |          | <del>                                     </del> | $\vdash$   |              | М            | Т        | Н               |
|          | 50   | $\vdash$                              | $\vdash$     |          | $\vdash$   | $\vdash$   |              | Н            |          | $\vdash \vdash$ |

| la       | im       |          |          |              | [ | Date     | ——<br>е        |              |              |          | ]   | Cla      | im       |                 |   |   |   | Date         | <del></del> |          |           |                |
|----------|----------|----------|----------|--------------|---|----------|----------------|--------------|--------------|----------|-----|----------|----------|-----------------|---|---|---|--------------|-------------|----------|-----------|----------------|
|          |          |          |          |              |   |          | Γ              |              |              |          | 1   |          |          |                 |   |   |   |              |             |          |           |                |
|          | Original | 2/15/05  |          |              |   |          |                | ,            | Ì            |          |     | <u>a</u> | Original |                 |   |   |   |              |             |          |           |                |
| :        | Ē.       | 15       |          |              |   |          |                |              |              |          |     | Final    | rig      |                 |   |   |   |              |             |          |           |                |
|          | 0        | 12       |          |              |   |          |                |              |              |          |     |          | 0        |                 |   |   |   |              |             |          |           |                |
| $\dashv$ | ħ        | -        | -        | ┢            | _ | _        | $\vdash$       | <del> </del> | -            | <u> </u> | 1   |          | 51       | Н               |   |   |   |              |             |          | $\dashv$  |                |
| $\dashv$ | 6        | ┢        | ┝        | -            | - |          |                |              |              | <u> </u> | 1   |          | 51<br>52 | Н               |   |   |   |              |             |          | $\dashv$  | $\dashv$       |
| $\dashv$ | 2<br>3   | -        | -        | <del> </del> |   |          | ├─             | $\vdash$     | -            |          | 1   |          | 53       | Н               | - | - |   |              | $\vdash$    | _        | $\dashv$  | -              |
| $\dashv$ |          | <u> </u> | -        |              | _ | <u> </u> | ├              | -            | $\vdash$     | -        | 1   |          | 53       | $\vdash$        | _ |   |   | -            |             |          |           | -              |
| $\dashv$ | 5<br>6   | ⊢        | $\vdash$ | $\vdash$     |   | _        |                |              | <del> </del> | -        | 1 1 |          | 54<br>55 | Н               | - | _ | _ | -            |             |          |           | _              |
| 4        | <u> </u> | <u> </u> | ļ        |              | _ |          | ┝              | ├—           | <del> </del> | <u> </u> | -   |          | סס       | _               | _ |   |   |              |             |          |           |                |
| -        | <u> </u> | _        | ļ        | ļ            | _ | _        | _              | <u> </u>     | <u> </u>     | -        | -   |          | 56       | Н               | _ |   |   |              |             |          |           |                |
| 4        |          | _        | <u> </u> | <u> </u>     |   | <u> </u> |                | <u> </u>     | <u> </u>     | ļ        | 1 1 |          | 57       |                 |   |   |   |              |             |          |           |                |
| _        | 8        |          |          |              |   | _        | L_             | _            | _            | <u> </u> |     |          | 58       |                 |   |   |   |              |             |          |           |                |
| _        |          | Ļ        | _        |              |   |          | L.             | _            | _            |          |     |          | 59       |                 |   |   |   |              |             |          |           |                |
| _        | 10       | 1        |          |              |   |          |                |              | _            |          |     |          | 60       |                 |   |   |   |              |             |          |           |                |
| ┙        | 11       | 4        |          |              |   |          |                |              |              |          | ]   |          | 61       |                 |   |   |   |              |             |          |           |                |
| _        | 12       | 1        |          |              |   |          |                |              |              |          |     |          | 62       |                 |   |   |   |              |             |          |           |                |
|          | 13       | 4        | L        | L            |   | L        | L              |              |              | L        |     |          | 63       |                 |   |   |   |              |             |          |           |                |
| _1       | 14       | 1        |          |              |   |          |                |              |              |          |     |          | 64       |                 |   |   |   |              |             |          |           |                |
| $\neg$   | 15       | 1        |          |              |   |          |                |              |              |          | 1   |          | 65       |                 |   |   |   |              |             |          |           |                |
|          | 16       | 1        |          |              |   |          |                |              |              |          | 1   |          | 66       |                 |   |   |   |              |             |          |           |                |
| T        | 17       |          |          |              |   |          |                |              |              |          | 1 1 |          | 67       |                 |   |   |   |              |             |          |           |                |
| T        | 18       |          | $\vdash$ |              |   |          |                |              |              |          | 1 1 |          | 68       |                 |   |   |   |              |             |          |           |                |
| ┪        | 19       |          |          |              |   | $\vdash$ |                | $\vdash$     |              |          | 1 1 |          | 69       | H               |   |   |   |              |             |          |           | $\neg$         |
| ᅥ        | 20       |          | -        |              |   | $\vdash$ |                |              | $\vdash$     |          | 1 1 |          | 70       | Н               |   |   |   |              |             |          | $\dashv$  |                |
| $\dashv$ | 21       |          | $\vdash$ |              |   | $\vdash$ | -              | $\vdash$     | $\vdash$     |          | 1   |          | 71       | Н               | _ | _ |   |              |             |          | $\dashv$  | -              |
| $\dashv$ | 22       |          | $\vdash$ | $\vdash$     |   | <u> </u> |                |              | $\vdash$     |          |     |          | 72       | Н               |   |   |   |              |             |          | -         | -              |
| $\dashv$ |          |          |          | $\vdash$     |   | _        | -              |              | <u> </u>     |          | 1   |          | 72       | H               |   |   |   |              |             |          |           |                |
| 4        | 23       |          |          | <b>—</b>     |   |          | <u> </u>       | <del> </del> | <del> </del> | -        |     |          | 73       | Н               |   | _ |   | _            | _           | _        |           | $\dashv$       |
| -        | 24       |          |          |              |   | -        | <u> </u>       |              | <u> </u>     | ļ        |     |          | 74       |                 |   |   |   |              |             |          |           |                |
| $\dashv$ | 25       |          |          |              |   |          | <u> </u>       | _            | _            | <u> </u> | 1   |          | 75       | Н               |   |   |   |              |             |          |           |                |
| 4        | 26<br>27 |          |          |              |   |          | _              |              | _            |          |     |          | 76       |                 |   |   |   |              |             |          |           |                |
| _        | 27       |          |          |              |   |          | _              |              |              |          |     |          | 77       | Ш               |   |   |   |              |             |          |           | Щ              |
| _        | 28       |          |          |              |   |          |                |              |              | _        |     |          | 78       | Ш               |   |   |   |              |             |          |           |                |
| ╛        | 29       |          |          |              |   |          |                |              |              |          |     |          | 79       |                 |   |   |   |              |             |          |           |                |
| ╝        | 30       |          |          |              |   |          |                |              |              |          |     |          | 80       |                 |   |   |   |              |             |          |           |                |
|          | 31       |          |          |              |   |          |                |              |              |          |     |          | 81       |                 |   |   |   |              |             |          |           |                |
|          | 32       |          |          |              |   |          |                |              |              |          |     |          | 82       |                 |   |   |   |              |             |          |           |                |
|          | 33       |          |          |              |   |          |                |              |              |          |     |          | 83       |                 |   |   |   |              |             |          |           |                |
| П        | 34       |          |          |              |   |          |                |              |              |          | 1   |          | 84       |                 |   |   |   |              |             |          |           |                |
| T        | 35       |          |          |              |   |          |                |              |              |          | 1   |          | 85       |                 |   |   |   |              |             |          |           |                |
| T        | 36       |          |          |              |   |          |                |              |              |          | 1   |          | 86       | П               |   |   |   |              |             |          |           |                |
| T        | 37       |          |          |              |   |          |                |              |              |          | 1   |          | 87       |                 |   |   |   |              | -           |          |           |                |
| ┪        | 38       | _        | _        |              | _ |          | _              |              |              |          | 1 1 |          | 88       |                 |   |   |   |              |             |          | $\neg$    | П              |
| 7        | 39       | _        |          |              |   |          | _              |              |              | _        | 1 1 |          | 89       |                 |   |   |   |              |             |          |           |                |
| $\dashv$ | 40       |          |          |              |   |          | $\vdash$       |              | -            | $\vdash$ | 1   |          | 90       | Н               | _ |   |   | _            |             |          | $\dashv$  |                |
| -1       | 41       | Н        |          | $\vdash$     |   | Н        | $\vdash$       |              | $\vdash$     | $\vdash$ | 1   | -        | 91       | Н               |   |   |   | Ι            | $\vdash$    | $\vdash$ |           | $\dashv$       |
| -        | 42       | -        | -        | <del> </del> |   |          | -              | $\vdash$     | $\vdash$     |          |     |          | 92       | H               |   |   |   |              | -           | -        |           | $\dashv$       |
| -        | 43       | H        | <b>—</b> |              |   | -        | <del>  -</del> |              | ├─           | $\vdash$ |     |          | 93       | $\vdash$        |   |   |   | $\vdash$     | $\vdash$    | H        | $\dashv$  | -              |
| -        | 43       | $\vdash$ | <u> </u> | H            |   | H        | $\vdash$       |              | $\vdash$     | ┢        |     |          | 94       |                 |   |   |   | -            | <b></b>     |          |           | $\vdash$       |
| -        | 45       | -        | -        | -            | — |          | <del> </del>   | <del> </del> | $\vdash$     | -        |     | -        | 05       | $\vdash$        |   |   | _ | <del> </del> |             | -        | $\dashv$  | $\dashv$       |
| 4        |          | H        | <u> </u> | $\vdash$     |   | Ь-       | -              | <del> </del> |              | <u> </u> |     |          | 95       | Н               |   |   |   | H            | H           |          |           | $\vdash$       |
| 4        | 46       | <u> </u> | _        | <u> </u>     | _ | $\vdash$ | $\vdash$       | <u> </u>     | $\vdash$     | $\vdash$ |     |          | 96       | $\vdash \vdash$ |   |   |   | ļ            | <b></b>     |          |           | Ш              |
| 4        | 47       | <u> </u> | <u> </u> | L.,          | _ | $\vdash$ | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u> |     |          | 97       |                 |   |   |   | L            | لبا         |          | $\square$ | $\blacksquare$ |
| 4        | 48       | L        | <u> </u> | <u> </u>     |   | _        |                | <u> </u>     | <u> </u>     | <u> </u> |     |          | 98       | Ш               |   |   |   |              | L           |          |           | Щ              |
| _        | 49       | L.,      | Ь.       | Ш            |   | L_       | <u> </u>       | <u> </u>     | ļ            | <u> </u> |     |          | 99       | Ш               |   |   |   | L_           | <u>_</u>    |          |           | $\Box$         |
|          | 50       | L        | L        | L            |   |          | <u> </u>       |              | L            | L_       |     |          | 100      |                 |   |   | L | L            |             |          |           |                |
|          |          |          |          |              |   |          |                |              |              |          |     |          |          |                 |   |   |   |              |             |          |           |                |

| Cli   | aim   | Date   |  |          |          |          |          |          |              | $\neg$                 |
|-------|---|--|--|----------|----------|----------|----------|----------|--------------|------------------------|
|       |   |  |  |          |          |          |          |          |              | П                      |
| ā     | ī.  |  |  |          |          |          |          |          |              |                        |
| Final | Original  |  |  |          |          |          |          |          |              |                        |
| -     | 0   |  |  |          |          |          |          |          | l            |                        |
|       | 101   | -  |  |          |          |          |          |          |              | H                      |
|       | 102   |  |  |          | -        |          |          |          |              | П                      |
|       | 102<br>103  |  | _  |          |          |          |          |          |              | H                      |
|       | 104   |  |  |          |          |          | _        |          | _            | П                      |
|       | 104   |  |  | -        |          |          | _        |          | $\vdash$     | H                      |
|       | 106<br>107<br>108<br>109  | _  | _  |          |          |          | _        |          | _            | Н                      |
| _     | 107   |  |  |          |          |          |          |          |              | П                      |
|       | 108   |  |  |          |          |          |          |          |              | П                      |
|       | 109   |  |  |          |          |          |          |          |              | П                      |
|       | 110   |  |  |          |          |          |          |          |              | П                      |
| -     | 110<br>111  |  |  |          |          |          |          |          |              | П                      |
|       | 112   |  |  |          |          | П        |          |          |              | П                      |
|       | 113   |  |  |          |          | П        |          |          |              | М                      |
|       | 112<br>113<br>114<br>115<br>116   |  | М  |          |          |          |          |          |              | H                      |
| -     | 115   |  | М  |          | Н        |          |          |          |              | H                      |
|       | 116   |  |  |          |          |          |          |          |              | П                      |
| -     | 117   |  |  | Н        | H        |          |          | Н        |              | H                      |
|       | 118   |  | $\vdash$   |          |          |          |          |          |              | H                      |
|       | 118<br>119  |  | $\vdash$   |          |          | Н        |          |          | $\vdash$     | H                      |
|       | 120   | _  |  | _        |          | _        | _        | _        | $\vdash$     | $\vdash \dashv$        |
|       | 121   |  |  | _        | _        |          | _        |          |              | Н                      |
|       | 122   |  | _  |          |          |          |          |          | _            | Н                      |
|       | 123   |  |  |          |          |          | -        |          | $\vdash$     | Н                      |
|       | 124   | _  | _  |          | _        | _        | -        | _        |              | H                      |
|       | 125   |  |  |          | _        |          | _        |          |              | Н                      |
|       | 126   |  | _  | -        | _        | -        | _        |          | $\vdash$     | $\vdash \vdash$        |
|       | 127   |  |  |          |          |          |          | ┢        | _            | Н                      |
|       | 128   |  |  |          |          |          |          |          |              | H                      |
|       | 129   |  |  |          | _        |          |          | _        | $\vdash$     | H                      |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | _  | $\vdash$   |          |          |          |          |          | $\vdash$     | Н                      |
|       | 131   |  |  |          |          |          |          |          |              | H                      |
|       | 132   | $\vdash$   | -  | <b>—</b> | $\vdash$ | _        | -        |          | -            | $\vdash \vdash \vdash$ |
|       | 132<br>133  | -  | $\vdash$   |          |          | -        |          |          |              | $\vdash \vdash$        |
|       | 134   | $\vdash$   |  |          | -        | -        | -        | $\vdash$ |              | $\vdash \vdash \vdash$ |
|       | 134<br>135  | <del>                                     </del> | H  | -        |          | _        | _        | _        | -            | $\vdash \vdash$        |
|       | 136   |  |  |          | -        |          |          | -        | <del> </del> | ├─┤                    |
| -     | 137   | $\vdash$   |  |          | _        |          | _        | $\vdash$ | _            | $\mid \vdash \mid$     |
|       | 137<br>138  |  | $\vdash$   | Н        | Н        | Н        | _        |          | $\vdash$     | Н                      |
|       | 139   |  | М  | Н        | П        | Н        |          |          |              | H                      |
|       | 140   | <b></b> -  | $\vdash$   | _        | Т        | т        |          |          |              | Н                      |
|       | 141   | $\vdash$   | _  | $\vdash$ | _        | _        |          |          |              | $\vdash \vdash$        |
|       | 142   | -  | -  | $\vdash$ | Ι        | Ι        |          |          | -            | H                      |
|       | 143   | $\vdash$   | H  | $\vdash$ | т        | Н        | _        | $\vdash$ | $\vdash$     | Н                      |
|       | 144   |  | H  | Н        | H        | Н        |          |          | $\vdash$     | $\vdash \vdash$        |
|       | 145   |  | $\vdash$   |          |          | $\vdash$ |          | _        | -            | $\vdash \vdash \vdash$ |
|       | 146   | $\vdash$   | <del>                                     </del> | $\vdash$ |          |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash \vdash$        |
|       | 147   | -  |  | -        |          | Н        |          |          | $\vdash$     | H                      |
|       | 148   |  | $\vdash$   | H        | Н        | Н        |          | $\vdash$ |              | •                      |
|       | 149   |  | $\vdash$   | Н        | $\vdash$ | $\vdash$ | $\vdash$ | _        | -            | $\vdash$               |
|       | 150   | <b></b>  | -  |          |          | -        | -        | _        | -            | H                      |
| _     | 130   |  |  |          |          |          | _        | _        |              | لــــا                 |